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MAR 8
TAXONOMI
RANGE INVEST

BULLETIN OF FOREIGN PLANT INTRODUCTIONS.

No. 11. Jan. 30 to Feb. 15, 1909.

NEW PLANT IMMIGRANTS.

ABRUS PRECATORIUS. 24619. Seed presented by Mr. A. S. Archer, Antigua, British West Indies thru Mr. P. J. Wester, Jan. 28. "A cream-colored variety of this twining vine."

ANNONA CHERIMOLIA. 24661-665. From Jose D. Husbands, Limavida, Chile, Feb. 5. Seeds of five varieties of cherimolias.

BELOU GLUTINOSA. 24591. Fruits from Montalban, Luzon, Philippine Islands, Jan. 18. "A tree, trunk armed with large spines; flowers whitish. Pulp glutinous, aromatic; juice sour. The wood is used for pillars in houses and the fruit is made into glue. (Blanco, Fl. Phil.) Sent to greenhouse for propagation.

The following six numbers are plants received from Biloxi, Miss., Nov. 30, 1908. Grown by Prof. S. M. Tracy from seed procured from Cuba. They are being tested by Prof. Piper as green manure crops for Florida and the Gulf Coast.'

BRADBURYA PLUMIERI. 24202. "A slender, thrifty climber, nodules few, no bloom."

CALOPOGONIUM COERULEUM. 24197. "A slender vine, 10-15 feet, rooting freely, poor climber, nodules abundant, no flowers."

CALOPOGONIUM ORTHOCARPUM. 24198. Same description as preceding number except length 3-6 feet.

GALACTIA TENUIFLORA. 24199. GALACTIA STRICTA. 24200. "Slender, vigorous climbers, nodules abundant, no seed."

TERAMNUS UNCINATUS. 24201. "A dense mass of slender vines climbing poorly, nodules few, no bloom."

CAJAN INDICUM. 24601. From Huradura, Cuba, Jan. 20. For description see No. 24604 in preceding bulletin. Seed given to Prof. Piper for distribution.

D. G. Fairchild

CITRUS. 24652. Seed from Dr. Trabut, Mustapha-Alger, Algeria, Feb. 5. White orange. Sent to greenhouse for propagation.

CUCURBITA MAXIMA. 24660. From Milan, Italy. Purchased from Fratelli Ingegnoli, Feb. 3. Venetian squash. "A large squash with thick flesh and small cavity; of good quality and the best variety seen in the streets of Venice where it is sold baked in halves." (Dr. E. F. Smith.) This seed seems to combine several varieties of squash.

ELAEIS MELANOCOCCA. 24589. Seeds from Isaac A. Manning, Cartagena, Colombia, Jan. 15. "A palm whose stem creeps along the ground and bears a tuft of large pinnate leaves with strong, prickly stalks. The flowers are borne in a large head consisting of numerous little branches bearing minute flowers. Its fruits are bright red; the seeds black. A native of the primeval woods along the upper branches of the Amazon in the provinces of Para and Rio Negro, Brazil."

FRAGARIA. 24654-56. Seeds from Jose D. Husbands, Limavida, Chile, Feb. 5. 24654. "Light red, prolific, hardy and sweet, good flavor; ripens quickly and becomes soft, bad shipper." 24655. "White sorts, mixed; fine flavor; extra firm fleshed, very large size, extra prolific, early and quick ripener, hardy, good shipper. Thrives in worst soils (clays) with little moisture. Fine sorts to work on as a base for selections." 24656. "White, same fruit as 24655 with the exception that they are uniform in size and shape; fruit somewhat smaller; some have pale pink tint at top."

GLYCINE HISPIDA. 24641-643. Three varieties of soybeans from Taihoku, Formosa. Presented by Mr. I. Kawakami, Jan. 21.

GOURLIEA CHILENSIS. 24631. Seeds from Dr. A. Robertson Proschowski, Jan. 28. "Tree 12-15 high; grows at

an elevation of 1500-5000 feet; it is not common. The children eat its fruits which have a subacid taste, and its tolerably hard wood is used for making chairs and other furniture and in carpentry."

MANGIFERA INDICA. 24636. Seed from Papeete, Tahiti, South Sea Islands. Presented by Mr. Barbour Lathrop, Jan. 30. "This is a tiny, rich-flavored mango, very different from any I have ever seen, not much larger than a very big English walnut. There is only one tree on the Island, and no one can tell where it came from. The fruits from which these seeds were taken were about the size of a large plum and very delicate in taste." (Lathrop.) Sent to greenhouse for propagation.

MASCARENHASIA ELASTICA. 24637. Seeds from Mocambique, Portugese East Africa. Presented by Mr. O. W. Barrett, Jan. 22. "A shrubby tree 20-30 feet high; wild in Hinterland of Mocambique Company's territory. Rubber of about same quality as Landolphia Kirkii. Mr. W. H. Johnson, the agronomist of the Mocambique Co. thinks the species a rather valuable discovery." (Barrett.)

MEDICAGO SATIVA. 24635. From Boxberg, Baden, Germany, Jan, 27. "Alt-deutsche fränkische luzerne. This seed was grown in the same region as No. 22467, under which number a detailed account is given. It is of especial interest on account of the fact that it comes from within 15-20 miles of the original home of the well known Grimm alfalfa of Minnesota." (Brand.) For distribution by Prof. Piper and Mr. Brand.

MEDICAGO SATIVA. 24667. From Iphofen, Bavaria, Germany, Feb. 8, 1909. "Alt-deutsche fränkische luzerne. This old land race receives its name from the circles of Franconia in Northern Bavaria where it has been grown many years. In the vicinity of Iphofen 3-4 cuttings of hay are secured every year. The seed is produced by the second crop." (Brand.) For distribution by Prof. Piper and Mr. Brand.

PHASEOLUS SEMI-ERECTUS. 24639. Seed grown at Biloxi, Miss., in 1908 by Prof. S. M. Tracy. Received Jan. 1909. "Original seed from Cuba where the plant is valued highly as a semi-volunteer crop in orange groves. Flowers are in spikes which continue to grow indefinitely so that ripe seed and fresh flowers occur on the same stem." (Tracy.) Distribution Panama, Peru, Brazil and West Indies.

PISTACIA CHINENSIS. 24659. Seeds from Lao tun chuang, Shantung, China. Collected by Mr. Henry S. Cousins. Received Feb. 8. "A beautiful shade tree." For further information see previous introductions, Nos. 17734, 17735, 18272, 18273, 18605, 19391, 21975.

SOLANUM SPP. 24650-651. From D. W. May, Mayaguez, Porto Rico, Feb. 3. SOLANUM MAMMOSUM. 24650. "A large-fruited wild species used as a stock on which to graft the cultivated varieties of egg plant. The handsome yellow fruits are reputed to be poisonous." (Chisolm.)

SOLANUM TORVUM. 24651. "A very small-fruited variety."

NOTES FROM FOREIGN CORRESPONDENTS.

BALUCHISTAN. G. C. French, Jan. 7. Is sending seed of Pinus gerardiana, the dry land species known as the Chilgoza pine.

CHILE, Limavida. Jose D. Husbands, Jan. 6. Sends report regarding potatoes in Archipelago of Chiloe.

CHINA, Canton. G. Weidman Groff, Dec. 31. Is sending peach grafts of the varieties Paak Wat To and Ying Tsui.

ENGLAND, Warminster. E. S. Beaven, Jan. 18. Sends a report in regard to his barley cultivations, offering for sale to the Department various races of barley which he has developed.

GERMANY, Berlin. A. Engler, Jan. 30. Will send Polygonum bistorta.

JAVA, Buitenzorg. Department of Agriculture, Dec. 30, 1908. Sends seeds of Canarium commune, the great avenue tree of Java for trial in Panama and Porto Rico.

PHILIPPINE ISLANDS, Manila. Wm. S. Lyon, Jan. 6. Sends information regarding the tannin plants of the Philippines. Is looking for a leguminous tannin plant.

SUDAN, Khartoum. R. Hewison, Jan. 12. Is sending small samples of various crops grown there.

TRINIDAD, Port of Spain, F. Evans, Jan. 28. Will send seedlings of various garcinias and seeds of the longan. Is preparing grafted plants of the Julie mango and will send as soon as weather permits.

RECENT VISITORS.

RUSSIA. Joseph A. Rosen, Chief of Agricultural Bureau of the Governmental Zemstvo of Ekaterinoslav, Russia. Is spending three years in the U. S. studying agricultural conditions. Says Mr. Arapoff, Samara, Russia, can furnish large quantities of Medicago Falcata. Buys it from the Kirghiz across the Urals. He is stopping for several days in Washington.